WHAT IS CLAIMED IS:

1. A method for allocating resources, comprising:

allocating reserved resources to one or more depth levels, wherein the reserved resources form one or more reserved pools;

upon receiving a request for allocation of resources, determining a depth level from which to allocate resources; and

allocating a reserved pool from the determined depth level.

2. The method of claim 1, further comprising:

generating control structures that indicate which resources are allocated to which processes.

3. The method of claim 1, wherein the allocations occur at a first cluster and further comprising:

at the first cluster, waiting for a second cluster to finish initialization processing before allowing requests for resources to be processed at the first cluster.

4. The method of claim 1, further comprising:

when the allocation of the reserved pool is unsuccessful, attempting to allocate resources from an unreserved pool.

5. The method of claim 4, further comprising:

when the allocation from the unreserved pool is unsuccessful, placing the request in a data structure to wait for a reserved pool.

6. The method of claim 1, wherein the resources are task control blocks.

7. The method of claim 1, further comprising:

determining that a reserved pool at the determined depth level has been allocated; and

allocating a resource from the reserved pool.

8. The method of claim 7, wherein when the request is a remote request, the determined depth level is a next depth level.

9. The method of claim 7, wherein when the request is a local request, the depth level is a current depth level.

10. The method of claim 7, further comprising:

determining that processing with the resource is complete; and

returning the resource to a pool of resources.

11. The method of claim 10, further comprising:

when the resource is returned to a reserved pool, determining whether all resources have been returned to that reserved pool;

when all resources have been returned, freeing the reserved pool for allocation to another process; and

allocating the freed reserved pool to a request waiting for allocation of a reserved pool.

12. The method of claim 10, further comprising:

when the resource is returned to an unreserved pool, allocating the freed unreserved pool to a request waiting for allocation of a reserved pool at a current depth level.

13. An article of manufacture including program logic for allocating resources, wherein the program logic is capable of causing operations to be performed, the operations comprising:

allocating reserved resources to one or more depth levels, wherein the reserved resources form one or more reserved pools;

upon receiving a request for allocation of resources, determining a depth level from which to allocate resources; and

allocating a reserved pool from the determined depth level.

14. The article of manufacture of claim 13, wherein the operations further comprise:

generating control structures that indicate which resources are allocated to which processes.

15. The article of manufacture of claim 13, wherein the allocations occur at a first cluster and wherein the operations further comprise:

at the first cluster, waiting for a second cluster to finish initialization processing before allowing requests for resources to be processed at the first cluster.

16. The article of manufacture of claim 13, wherein the operations further comprise:

when the allocation of the reserved pool is unsuccessful, attempting to allocate resources from an unreserved pool.

17. The article of manufacture of claim 16, wherein the operations further comprise:

when the allocation from the unreserved pool is unsuccessful, placing the request in a data structure to wait for a reserved pool.

18. The article of manufacture of claim 13, wherein the resources are task control blocks.

19. The article of manufacture of claim 13, wherein the operations further comprise:

determining that a reserved pool at the determined depth level has been allocated; and

allocating a resource from the allocated reserved pool.

20. The article of manufacture of claim 19, wherein when the request is a remote request, the determined depth level is a next depth level.

21. The article of manufacture of claim 19, wherein when the request is a local request, the determined depth level is a current depth level.

22. The article of manufacture of claim 19, wherein the operations further comprise:

determining that processing with the resource is complete; and

returning the resource to a pool of resources.

23. The article of manufacture of claim 22, wherein the operations further comprise:

when the resource is returned to a reserved pool, determining whether all resources have been returned to that reserved pool;

when all resources have been returned, freeing the reserved pool for allocation to another process; and

allocating the freed reserved pool to a request waiting for allocation of a reserved pool.

24. The article of manufacture of claim 22, wherein the operations further comprise:

when the resource is returned to an unreserved pool, allocating the freed unreserved pool to a request waiting for allocation of a reserved pool at a current depth level.

25. A system including circuitry for allocating resources, wherein the circuitry is capable of causing operations to be performed, the operations comprising:

allocating reserved resources to one or more depth levels, wherein the reserved resources form one or more reserved pools;

upon receiving a request for allocation of resources, determining a depth level from which to allocate resources; and

allocating a reserved pool from the determined depth level.

26. The system of claim 25, wherein the operations further comprise:

generating control structures that indicate which resources are allocated to which processes.

27. The system of claim 25, wherein the operations further comprise:

when the allocation of the reserved pool is unsuccessful, attempting to allocate resources from an unreserved pool.

28. The system of claim 27, wherein the operations further comprise:

when the allocation from the unreserved pool is unsuccessful, placing the request in a data structure to wait for a reserved pool.

29. The system of claim 25, wherein the operations further comprise:

determining that a reserved pool at the determined depth level has been allocated; and

allocating a resource from the allocated reserved pool.

30. The system of claim 25, wherein when the request is a remote request, the determined depth level is a next depth level and when the request is a local request, the determined depth level is a current depth level.